

WEST Search History

DATE: Wednesday, October 02, 2002

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> result set |
|---|---------------------------------------|------------------|-------------------------------|
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> | | | |
| L21 | L20 and synchroniz\$ | 0 | L21 |
| L20 | (universal and data and format\$).ti. | 27 | L20 |
| L19 | L17 and (synch\$ near5 database) | 4 | L19 |
| L18 | L17 and (synch\$ database) | 0 | L18 |
| L17 | (universal data format) | 31 | L17 |
| L16 | L15 and (universal data format) | 0 | L16 |
| L15 | (synchroniz\$ and log).ti. | 19 | L15 |
| L14 | L13 and (updat\$ near5 log) | 4 | L14 |
| L13 | L12 and updat\$ | 15 | L13 |
| L12 | L10 and log | 15 | L12 |
| L11 | L10 and (log near5 record\$1) | 0 | L11 |
| L10 | l7 and merg\$ | 31 | L10 |
| L9 | L8 and merg\$ | 1 | L9 |
| L8 | L7 and (change logs) | 2 | L8 |
| L7 | L6 and synchroniz\$ | 157 | L7 |
| L6 | L5 and (data transfer) | 389 | L6 |
| L5 | client device | 2910 | L5 |
| L4 | L3 and synch\$ | 4 | L4 |
| L3 | L2 and (data transfer) | 4 | L3 |
| L2 | L1 and (change logs) | 4 | L2 |
| L1 | universal data format | 31 | L1 |

END OF SEARCH HISTORY

WEST Search History

DATE: Wednesday, October 02, 2002

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> result set |
|---|-------------------------------|------------------|-------------------------------|
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> | | | |
| L14 | L13 and (updat\$ near5 log) | 4 | L14 |
| L13 | L12 and updat\$ | 15 | L13 |
| L12 | L10 and log | 15 | L12 |
| L11 | L10 and (log near5 record\$1) | 0 | L11 |
| L10 | l7 and merg\$ | 31 | L10 |
| L9 | L8 and merg\$ | 1 | L9 |
| L8 | L7 and (change logs) | 2 | L8 |
| L7 | L6 and synchroniz\$ | 157 | L7 |
| L6 | L5 and (data transfer) | 389 | L6 |
| L5 | client device | 2910 | L5 |
| L4 | L3 and synch\$ | 4 | L4 |
| L3 | L2 and (data transfer) | 4 | L3 |
| L2 | L1 and (change logs) | 4 | L2 |
| L1 | universal data format | 31 | L1 |

END OF SEARCH HISTORY

WEST

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Search Results - Record(s) 1 through 4 of 4 returned.☐ 1. Document ID: US 20020040369 A1

L4: Entry 1 of 4

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040369

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040369 A1

TITLE: Binary data synchronization engine

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|---------------|-------|---------|---------|
| Multer, David L. | Santa Cruz | CA | US | |
| Garner, Robert E. | Lawrenceville | GA | US | |
| Ridgard, Leighton A. | Ellenwood | GA | US | |
| Stannard, Liam J. | Lawrenceville | GA | US | |
| Cash, Donald W. | Dunwoody | GA | US | |

US-CL-CURRENT: 707/201

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RWMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 2. Document ID: US 20020029227 A1

L4: Entry 2 of 4

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020029227

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020029227 A1

TITLE: Management server for synchronization system

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|---------------|-------|---------|---------|
| Multer, David L. | Santa Cruz | CA | US | |
| Garner, Robert E. | Lawrenceville | GA | US | |
| Ridgard, Leighton A. | Ellenwood | GA | US | |
| Stannard, Liam J. | Lawrenceville | GA | US | |
| Cash, Donald W. | Dunwoody | GA | US | |

US-CL-CURRENT: 707/203; 709/201

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RWMC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 3. Document ID: US 20020010807 A1

L4: Entry 3 of 4

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010807

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010807 A1

TITLE: Data package including synchronization data

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|---------------|-------|---------|---------|
| Multer, David L. | Santa Cruz | CA | US | |
| Garner, Robert E. | Lawrenceville | GA | US | |
| Ridgard, Leighton A. | Ellenwood | GA | US | |
| Stannard, Liam J. | Lawrenceville | GA | US | |
| Cash, Donald W. | Dunwoody | GA | US | |

US-CL-CURRENT: 709/328; 709/248, 709/400

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|

☐ 4. Document ID: US 20010044805 A1

L4: Entry 4 of 4

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010044805

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010044805 A1

TITLE: Synchronization system application object interface

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|----------------------|---------------|-------|---------|---------|
| Multer, David L. | Santa Cruz | CA | US | |
| Garner, Robert E. | Lawrenceville | GA | US | |
| Ridgard, Leighton A. | Ellenwood | GA | US | |
| Stannard, Liam J. | Lawrenceville | GA | US | |
| Cash, Donald W. | Dunwoody | GA | US | |

US-CL-CURRENT: 707/201; 708/204, 709/246

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
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| Term | Documents |
|---|-----------|
| SYNCH\$ | 0 |
| SYNCH.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 6663 |
| SYNCHA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 2 |
| SYNCHABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 2 |
| SYNCHAETA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHAFTER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHALLVOLUMES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHANDS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHANOUSLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHAONISM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHAONOUS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| (L3 AND SYNCH\$).USPT,PGPB,JPAB,EPAB,DWPI,TDBD. | 4 |

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WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

| Term | Documents |
|---|-----------|
| AGGREGATE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 92854 |
| AGGREGATES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 38309 |
| LOG.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 99079 |
| LOGS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 25608 |
| RECORD\$1 | 0 |
| RECORD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 461512 |
| RECORDA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 10 |
| RECORDC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| RECORDD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 12 |
| RECORDE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 120 |
| RECORDG.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| (L28 AND ((AGGREGATE) NEAR5 (LOG RECORD\$1))) USPT,PGPB,JPAB,EPAB,DWPI,TDBD. | 0 |

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US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L28 and (add\$ near5 log)

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DATE: Wednesday, October 02, 2002 [Printable Copy](#) [Create Case](#)

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Search Results - Record(s) 1 through 2 of 2 returned.☐ 1. Document ID: US 6092083 A

L10: Entry 1 of 2

File: USPT

Jul 18, 2000

US-PAT-NO: 6092083

DOCUMENT-IDENTIFIER: US 6092083 A

TITLE: Database management system which synchronizes an enterprise server and a workgroup user client using a docking agent

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|--------------|-------|----------|---------|
| Brodersen; Robert A. | Redwood City | CA | | |
| Chatterjee; Prashant | Saratoga | CA | | |
| Lim; Peter S. | Redwood City | CA | | |

US-CL-CURRENT: 707/201

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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| FORM | Draw Desc | Image |
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☐ 2. Document ID: US 5758355 A

L10: Entry 2 of 2

File: USPT

May 26, 1998

US-PAT-NO: 5758355

DOCUMENT-IDENTIFIER: US 5758355 A

TITLE: Synchronization of server database with client database using distribution tables

DATE-ISSUED: May 26, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|-----------------|-------|----------|---------|
| Buchanan; David D. | Los Altos Hills | CA | | |

US-CL-CURRENT: 707/201; 707/1, 707/200

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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| FORM | Draw Desc | Image |
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Generate Collection

Print

| Term | Documents |
|--|-----------|
| LOG.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 99079 |
| LOGS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 25608 |
| RECORD\$1 | 0 |
| RECORD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 461512 |
| RECORDA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 10 |
| RECORDC.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| RECORDD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 12 |
| RECORDE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 120 |
| RECORDG.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| RECORDI.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 57 |
| RECORDM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| (L9 AND (LOG NEAR5 RECORD\$1)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD. | 2 |

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[Previous Page](#)

[Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 20020111959 A1

L1: Entry 1 of 8

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111959

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020111959 A1

TITLE: Method and system for file system synchronization between a central site and a plurality of remote sites

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------|------------|-------|---------|---------|
| Ching, Jennie | Northridge | CA | US | |
| Hsiao, Eric | San Mateo | CA | US | |

US-CL-CURRENT: 707/201

| | | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RIME | Draw Desc | Image |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|

☐ 2. Document ID: US 5729735 A

L1: Entry 2 of 8

File: USPT

Mar 17, 1998

US-PAT-NO: 5729735

DOCUMENT-IDENTIFIER: US 5729735 A

TITLE: Remote database file synchronizer

DATE-ISSUED: March 17, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|------------------|-------|----------|---------|
| Meyering, Samuel C. | 3601 NA Maarssen | | | NL |

US-CL-CURRENT: 707/10

| | | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RIME | Draw Desc | Image |
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☐ 3. Document ID: US 6058399 A

L1: Entry 3 of 8

File: DWPI

May 2, 2000

DERWENT-ACC-NO: 2000-375078

DERWENT-WEEK: 200032

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TITLE: Synchronization method of file transfer operation with remote interactive application in Internet, involves generating single session ID, so that it associates between interactive and data transfer connection

INVENTOR: ENTIN, L; MORAG, G ; ROSENBAUM, Y ; SAMET, Y

PRIORITY-DATA: 1997US-0919862 (August 28, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|-------------|----------|-------|------------|
| US 6058399 A | May 2, 2000 | | 013 | G06F017/30 |

INT-CL (IPC): G06 F 17/30

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Clip Img | Image |
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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|----------|-------|

☐ 4. Document ID: US 5758150 A

L1: Entry 4 of 8

File: DWPI

May 26, 1998

DERWENT-ACC-NO: 1998-322137

DERWENT-WEEK: 199828

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Remote database synchronisation system - in which flat files obtained by conversion of first database storing converted changes, are transferred to centralised database from remote database through communication link

INVENTOR: BELL, D L; COZZOLINO, D L ; HAGEN, R L ; LEE, M L

PRIORITY-DATA: 1995US-0539957 (October 6, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|--------------|----------|-------|------------|
| US 5758150 A | May 26, 1998 | | 009 | G06F017/30 |

INT-CL (IPC): G06 F 17/30

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Clip Img | Image |
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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|----------|-------|

☐ 5. Document ID: US 5729735 A

L1: Entry 5 of 8

File: DWPI

Mar 17, 1998

DERWENT-ACC-NO: 1998-206941

DERWENT-WEEK: 199818

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Remote database file synchroniser for computer database system - has updating device that copies data from remote file to master file when data in backup file is identical to matching data in master file and different than matching data in remote file

INVENTOR: MEYERING, S C

PRIORITY-DATA: 1995US-0385319 (February 8, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|----------------|----------|-------|------------|
| US 5729735 A | March 17, 1998 | | 013 | G06F017/30 |

INT-CL (IPC): G06 F 17/30

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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| RAW | Draw Desc | Clip Img | Image |
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☐ 6. Document ID: US 5649195 A

L1: Entry 6 of 8

File: DWPI

Jul 15, 1997

DERWENT-ACC-NO: 1997-372392

DERWENT-WEEK: 199734

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Synchronising slave databases for geographically dispersed computers in receive-only communication system - storing changes to master database in file external to master database, assigning next-broadcast-number and sequential next-sequence-number to changes, broadcasting changes to update replicas of master database at remote computers

INVENTOR: SCOTT, R K; TAI, L W

PRIORITY-DATA: 1995US-0446996 (May 22, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|---------------|----------|-------|------------|
| US 5649195 A | July 15, 1997 | | 017 | G06F017/30 |

INT-CL (IPC): G06 F 17/30

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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| RAW | Draw Desc | Clip Img | Image |
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☐ 7. Document ID: DE 69322352 E EP 591020 A1 FR 2696256 A1 CA 2107243 A US 5506945 A CA 2107243 C EP 591020 B1

L1: Entry 7 of 8

File: DWPI

Jan 14, 1999

DERWENT-ACC-NO: 1994-111386

DERWENT-WEEK: 199908

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TITLE: System file transfer between different remote systems using telecommunications network - using synchronisation files with each transfer which transfers in both directions to provide control of process

INVENTOR: COUTAND, B

PRIORITY-DATA: 1992FR-0011621 (September 30, 1992)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|------------------|----------|-------|-------------|
| DE 69322352 E | January 14, 1999 | | 000 | G06F009/46 |
| EP 591020 A1 | April 6, 1994 | F | 008 | G06F009/46 |
| FR 2696256 A1 | April 1, 1994 | | 000 | G06F013/38 |
| CA 2107243 A | March 31, 1994 | F | 000 | G06F013/362 |
| US 5506945 A | April 9, 1996 | | 009 | G06K015/00 |
| CA 2107243 C | July 1, 1997 | F | 000 | G06F013/362 |
| EP 591020 B1 | December 2, 1998 | F | 000 | G06F009/46 |

INT-CL (IPC): G06F 9/46; G06F 13/10; G06F 13/14; G06F 13/362; G06F 13/38; G06F 15/16; G06K 15/00

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| RAW | Draw Desc | Clip Img | Image |
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☐ 8. Document ID: DE 3855260 G EP 278315 A BR 8800632 A US 4887204 A EP 278315 B1

L1: Entry 8 of 8

File: DWPI

Jun 13, 1996

DERWENT-ACC-NO: 1988-229206

DERWENT-WEEK: 199629

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Access for remote files in distributed network environment - manages client cache such that all read and write requests access it in first and second synchronisation modes

INVENTOR: JOHNSON, D W; NEWMAN, G H ; SAUER, C H ; SHAHEN-GOUDA, A A ; SMITH, T A ; JOHNSON, D E

PRIORITY-DATA: 1987US-0014897 (February 13, 1987)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|--------------------|----------|-------|------------|
| DE 3855260 G | June 13, 1996 | | 000 | G06F009/46 |
| EP 278315 A | August 17, 1988 | E | 045 | |
| BR 8800632 A | September 27, 1988 | | 000 | |
| US 4887204 A | December 12, 1989 | | 035 | |
| EP 278315 B1 | May 8, 1996 | E | 044 | G06F009/46 |

INT-CL (IPC): G06F 9/46; G06F 12/02; G06F 12/08; G06F 15/16; G06F 17/30

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| RAW | Draw Desc | Clip Img | Image |
|-----|-----------|----------|-------|

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| Term | Documents |
|---|-----------|
| REMOTE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 85207 |
| REMOTES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 15 |
| SYNCHRON\$ | 0 |
| SYNCHRON.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 22 |
| SYNCHRONAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 3 |
| SYNCHRONALLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHRONATED.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHRONATION.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHRONDROSIS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| SYNCHRONE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 2 |
| ((REMOTE AND SYNCHRON\$ AND FILE\$1).TI.).USPT,PGPB,JPAB,EPAB,DWPI,TDBD. | 8 |

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Display Format:

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[Previous Page](#)

[Next Page](#)

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 5778388 A

L4: Entry 1 of 7

File: USPT

Jul 7, 1998

US-PAT-NO: 5778388

DOCUMENT-IDENTIFIER: US 5778388 A

TITLE: Method of processing a synchronization point in a database management system to assure a database version using update logs from accumulated transactions

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|------------|-------|----------|---------|
| Kawamura; Nobuo | Sagamihara | | | JP |
| Masai; Kazuo | Yokohama | | | JP |
| Yamashita; Nobuyuki | Yokohama | | | JP |
| Nagai; Hiroshi | Fujisawa | | | JP |

US-CL-CURRENT: 707/203; 707/2, 707/202[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[RWC](#) [Draw Desc](#) [Image](#)☐ 2. Document ID: JP 2002163137 A EP 1180890 A2

L4: Entry 2 of 7

File: DWPI

Jun 7, 2002

DERWENT-ACC-NO: 2002-317282

DERWENT-WEEK: 200241

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TITLE: Application data updating method for transferring and synchronizing data, involves applying aggregate log to application data to update data after repeatedly downloading, adding and deleting change logs

INVENTOR: CASH, D W; GARNER, R E ; MULTER, D L ; RIDGARD, L A ; ROBERTSON, J ; STANNARD, L J

PRIORITY-DATA: 2000US-0642615 (August 17, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|-------------------|----------|-------|------------|
| JP 2002163137 A | June 7, 2002 | | 063 | G06F012/00 |
| EP 1180890 A2 | February 20, 2002 | E | 021 | H04L029/06 |

INT-CL (IPC): G06 F 12/00; G06 F 17/30; G06 F 17/40; H04 L 29/06[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[RWC](#) [Draw Desc](#) [Cpy tmg](#) [Image](#)

☐ 3. Document ID: JP 2001034518 A

L4: Entry 3 of 7

File: DWPI

Feb 9, 2001

DERWENT-ACC-NO: 2001-230815

DERWENT-WEEK: 200124

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TITLE: Synchronized database updation management system has master server which provides updated information to dummy main table in slave server, on confirming log file updation

PRIORITY-DATA: 1999JP-0211476 (July 27, 1999)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|------------------|----------|-------|------------|
| JP 2001034518 A | February 9, 2001 | | 011 | G06F012/00 |

INT-CL (IPC): G06 F 12/00; G06 F 17/30

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 4. Document ID: JP 2001022627 A

L4: Entry 4 of 7

File: DWPI

Jan 26, 2001

DERWENT-ACC-NO: 2001-206797

DERWENT-WEEK: 200121

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TITLE: Synchronous database updation management system for communication network, has synchronous process which updates database of various terminals using log file data, based on storage of previous updation result

PRIORITY-DATA: 1999JP-0191993 (July 6, 1999)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|------------------|----------|-------|------------|
| JP 2001022627 A | January 26, 2001 | | 010 | G06F012/00 |

INT-CL (IPC): G06 F 11/00; G06 F 11/30; G06 F 12/00; G06 F 15/16; G06 F 15/177

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWC | Draw Desc | Clip Img | Image |
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☐ 5. Document ID: JP 2000276391 A

L4: Entry 5 of 7

File: DWPI

Oct 6, 2000

DERWENT-ACC-NO: 2000-668531

DERWENT-WEEK: 200065

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TITLE: Directory synchronization method involves converting updating log content of directory data to updating application server content based on which application server is updated

PRIORITY-DATA: 1999JP-0083660 (March 26, 1999)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|-----------------|----------|-------|------------|
| JP 2000276391 A | October 6, 2000 | | 020 | G06F012/00 |

INT-CL (IPC): G06 F 12/00

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☐ 6. Document ID: JP 2000194679 A

L4: Entry 6 of 7

File: DWPI

Jul 14, 2000

DERWENT-ACC-NO: 2000-509334

DERWENT-WEEK: 200046

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TITLE: Time synchronous system for communication apparatus updates sequence count value when received by communication apparatus to produce communication log

PRIORITY-DATA: 1998JP-0374506 (December 28, 1998)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|---------------|----------|-------|-------------|
| JP 2000194679 A | July 14, 2000 | | 004 | G06F015/177 |

INT-CL (IPC): G06 F 15/177

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| RWC | Draw Desc | Clip Img | Image |
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☐ 7. Document ID: CN 1326571 A WO 200029998 A2 AU 200015905 A BR 9915382 A EP 1131757 A2

L4: Entry 7 of 7

File: DWPI

Dec 12, 2001

DERWENT-ACC-NO: 2000-542948

DERWENT-WEEK: 200225

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TITLE: Information synchronization using change log handling for handheld devices by updating change log register in device upon demand from other devices and returning updated register with unique identification of database record

INVENTOR: BIRKLER, J; NOVAK, L

PRIORITY-DATA: 1999US-0427910 (October 27, 1999), 1998US-108902P (November 17, 1998), 1998US-110485P (December 1, 1998)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|--------------------|----------|-------|------------|
| CN 1326571 A | December 12, 2001 | | 000 | G06F017/60 |
| WO 200029998 A2 | May 25, 2000 | E | 028 | G06F017/60 |
| AU 200015905 A | June 5, 2000 | | 000 | G06F017/60 |
| BR 9915382 A | August 14, 2001 | | 000 | G06F017/60 |
| EP 1131757 A2 | September 12, 2001 | E | 000 | G06F017/60 |

INT-CL (IPC): G06 F 17/30; G06 F 17/60

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| RWC | Draw Desc | Clip Img | Image |
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| Term | Documents |
|---|-----------|
| LOG.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 11100 |
| LOGS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 3241 |
| UPDAT\$ | 0 |
| UPDAT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| UPDATA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 13 |
| UPDATABILITY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| UPDATABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 110 |
| UPDATATED.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| UPDATE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 4973 |
| UPDATEABILITY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB. | 1 |
| ((LOG AND UPDAT\$ AND SYNCH\$).TI.).USPT,PGPB,JPAB,EPAB,DWPI,TDBD. | 7 |

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Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

| | | | |
|------------|--|-------|------------|
| <u>L29</u> | L28 and ((aggregate) near5 (log record\$1)) | 0 | <u>L29</u> |
| <u>L28</u> | (change or update) near5 (log record\$1) | 252 | <u>L28</u> |
| <u>L27</u> | (aggregate and log).ti. | 7 | <u>L27</u> |
| <u>L26</u> | (aggregate log).clm,ab. | 4 | <u>L26</u> |
| <u>L25</u> | (change near5 log) same (aggregat\$ near5 log\$1) | 3 | <u>L25</u> |
| <u>L24</u> | L23 and synch\$ | 2 | <u>L24</u> |
| <u>L23</u> | (aggregat\$ and log\$1).ti. | 10 | <u>L23</u> |
| <u>L22</u> | (synch\$ and aggregate and log\$1).ti. | 1 | <u>L22</u> |
| <u>L21</u> | L20 and (aggregate near5 log) | 0 | <u>L21</u> |
| <u>L20</u> | L19 and (log near5 record\$1) | 11 | <u>L20</u> |
| <u>L19</u> | (synchron\$ and data).ti. | 13031 | <u>L19</u> |
| <u>L18</u> | L12 and (aggregate near5 log) | 2 | <u>L18</u> |
| <u>L17</u> | L13 and (aggregate near5 log) | 0 | <u>L17</u> |
| <u>L16</u> | L15 and (aggregate near5 log) | 0 | <u>L16</u> |
| <u>L15</u> | L14 and (updat\$ near5 log) | 5 | <u>L15</u> |
| <u>L14</u> | L13 and (change near5 log) | 20 | <u>L14</u> |
| <u>L13</u> | L12 and (synchroniz\$ near5 system) | 228 | <u>L13</u> |
| <u>L12</u> | L11 and (server near5 device\$1) | 5111 | <u>L12</u> |
| <u>L11</u> | client near5 device\$1 | 9034 | <u>L11</u> |
| <u>L10</u> | L9 and (log near5 record\$1) | 2 | <u>L10</u> |
| <u>L9</u> | (synch\$ and client\$ and server\$).ti. | 86 | <u>L9</u> |
| <u>L8</u> | (synch\$ and client\$ and server\$ and log\$1).ti. | 0 | <u>L8</u> |
| <u>L7</u> | (synch\$ and client\$ and server\$ and updat\$ and log\$1).ti. | 0 | <u>L7</u> |
| <u>L6</u> | puma technology | 46 | <u>L6</u> |
| <u>L5</u> | 5506945.uref. | 1 | <u>L5</u> |
| <u>L4</u> | (log and updat\$ and synch\$).ti. | 7 | <u>L4</u> |
| <u>L3</u> | (record\$1 and reconsil\$).ti. | 0 | <u>L3</u> |
| <u>L2</u> | (file\$1 and reconsil\$).ti. | 0 | <u>L2</u> |
| <u>L1</u> | (remote and synchron\$ and file\$1).ti. | 8 | <u>L1</u> |

END OF SEARCH HISTORY